

1/11

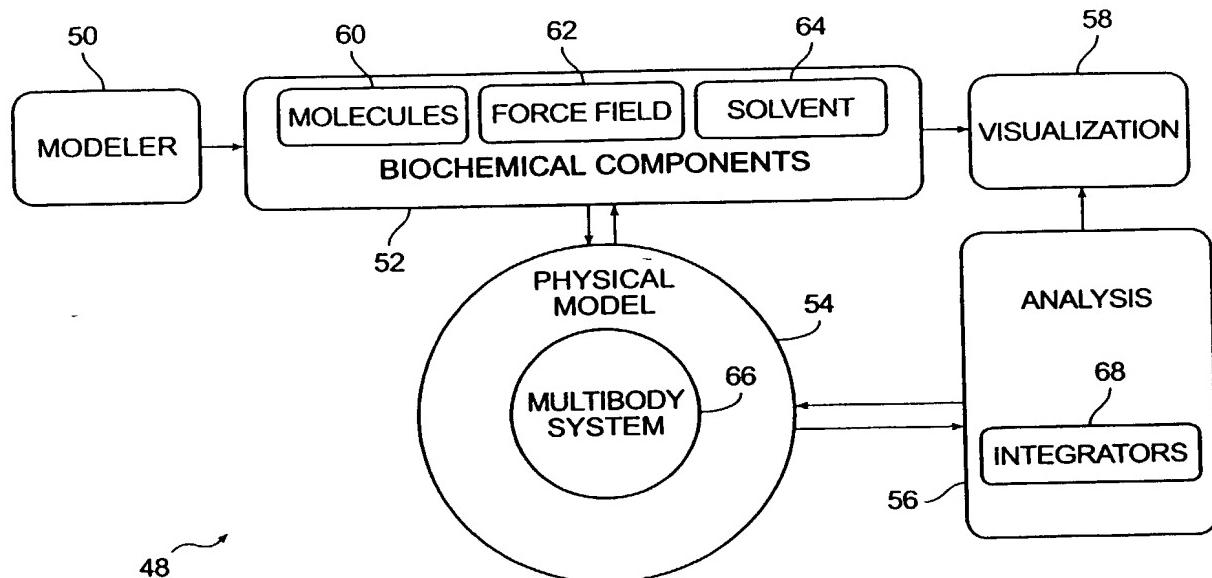


FIG. 1

2/11

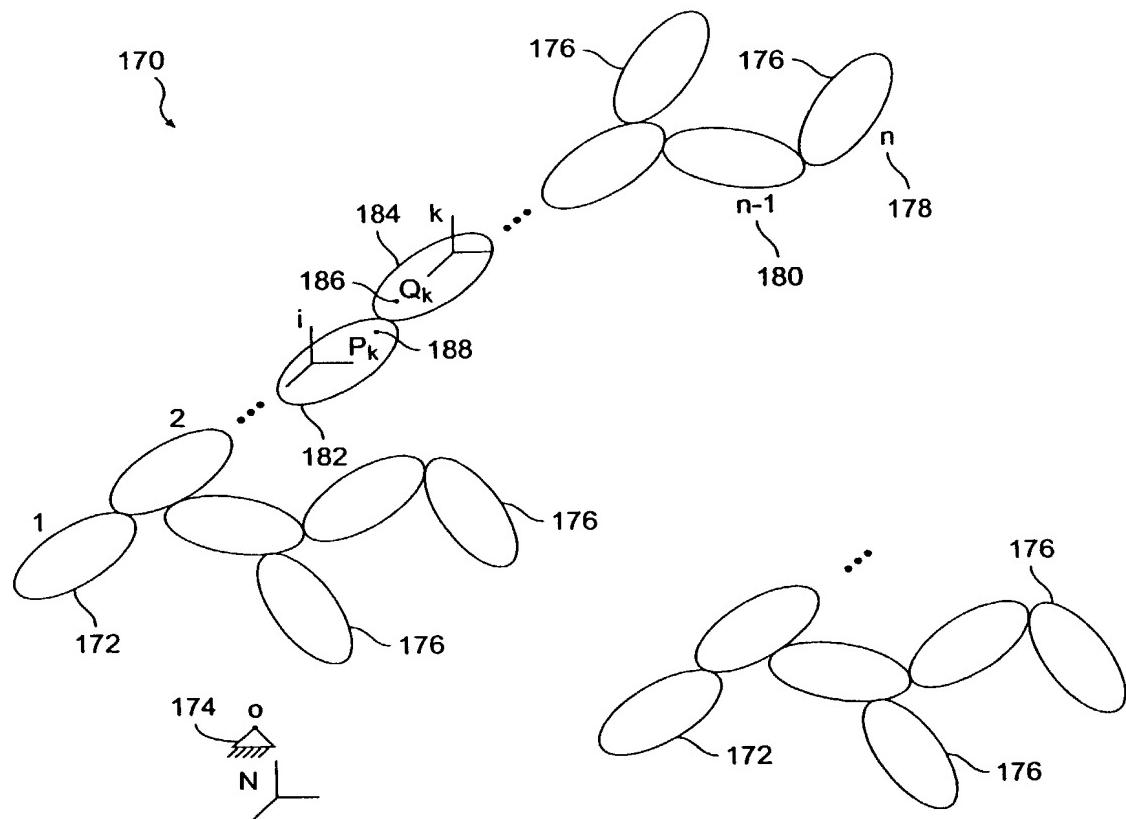


FIG. 2

3/11

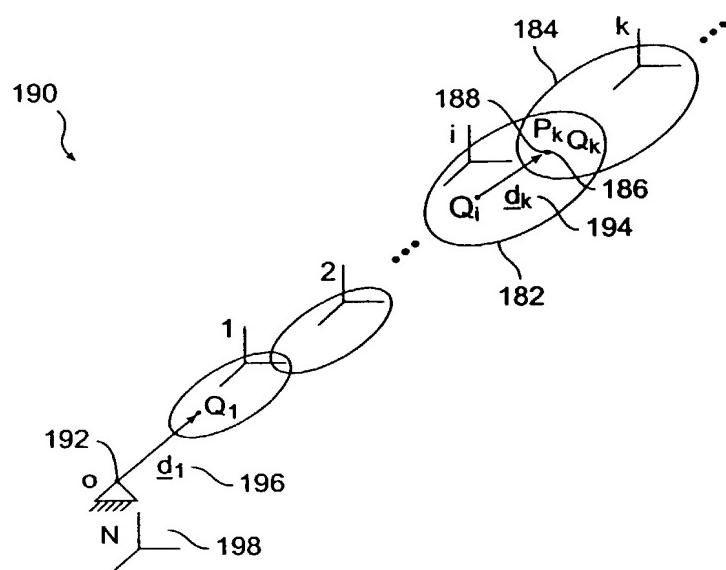


FIG. 3

4/11

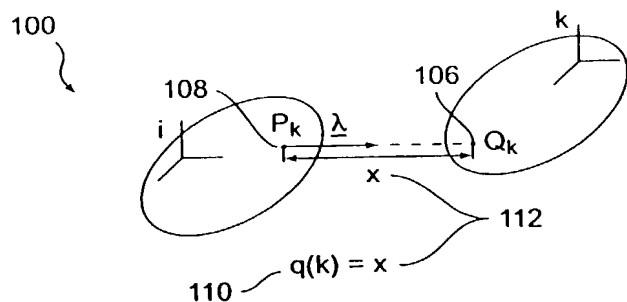


FIG. 4A

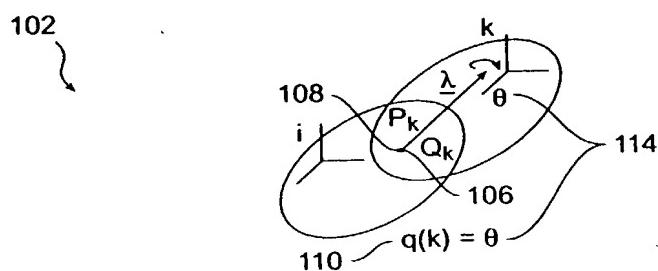


FIG. 4B

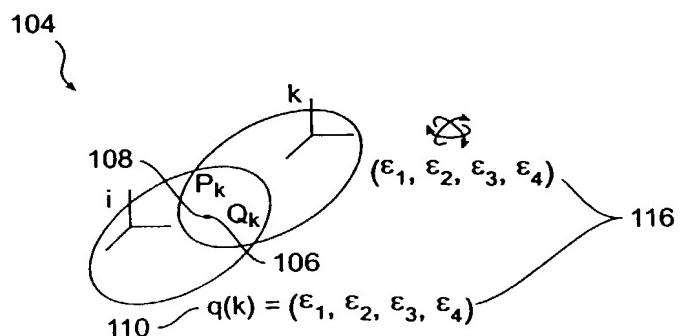


FIG. 4C

5/11

IMPLICIT EULER

$$R(z) = \frac{1}{1-z}$$

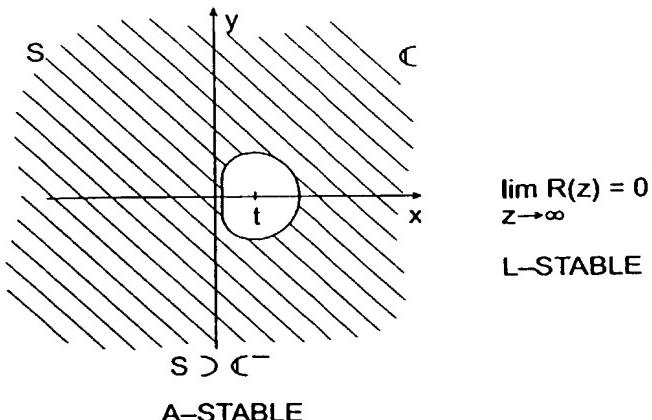


FIG. 5A

IMPLICIT MIDPOINT

$$R(z) = \frac{1 + z/2}{1 - z/2}$$

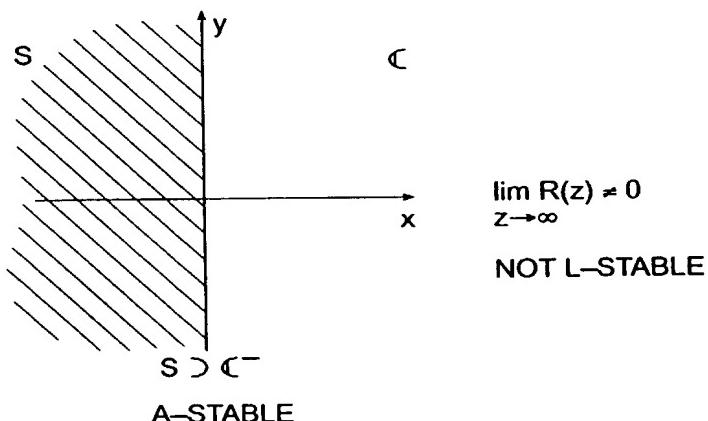
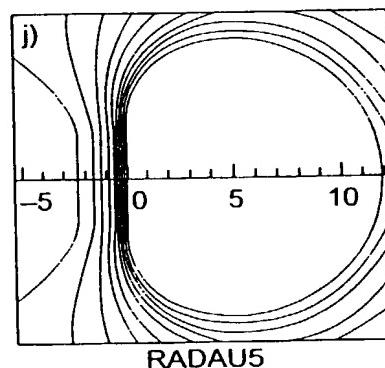


FIG. 5B

RADAU5

$$R(z) = \frac{1 + 2z/5 + z^2/20}{1 - 3z/5 + 3z^2/20 - z^3/60}$$



$\lim_{z \rightarrow \infty} R(z) = 0$   
**L-STABLE**

FIG. 5C

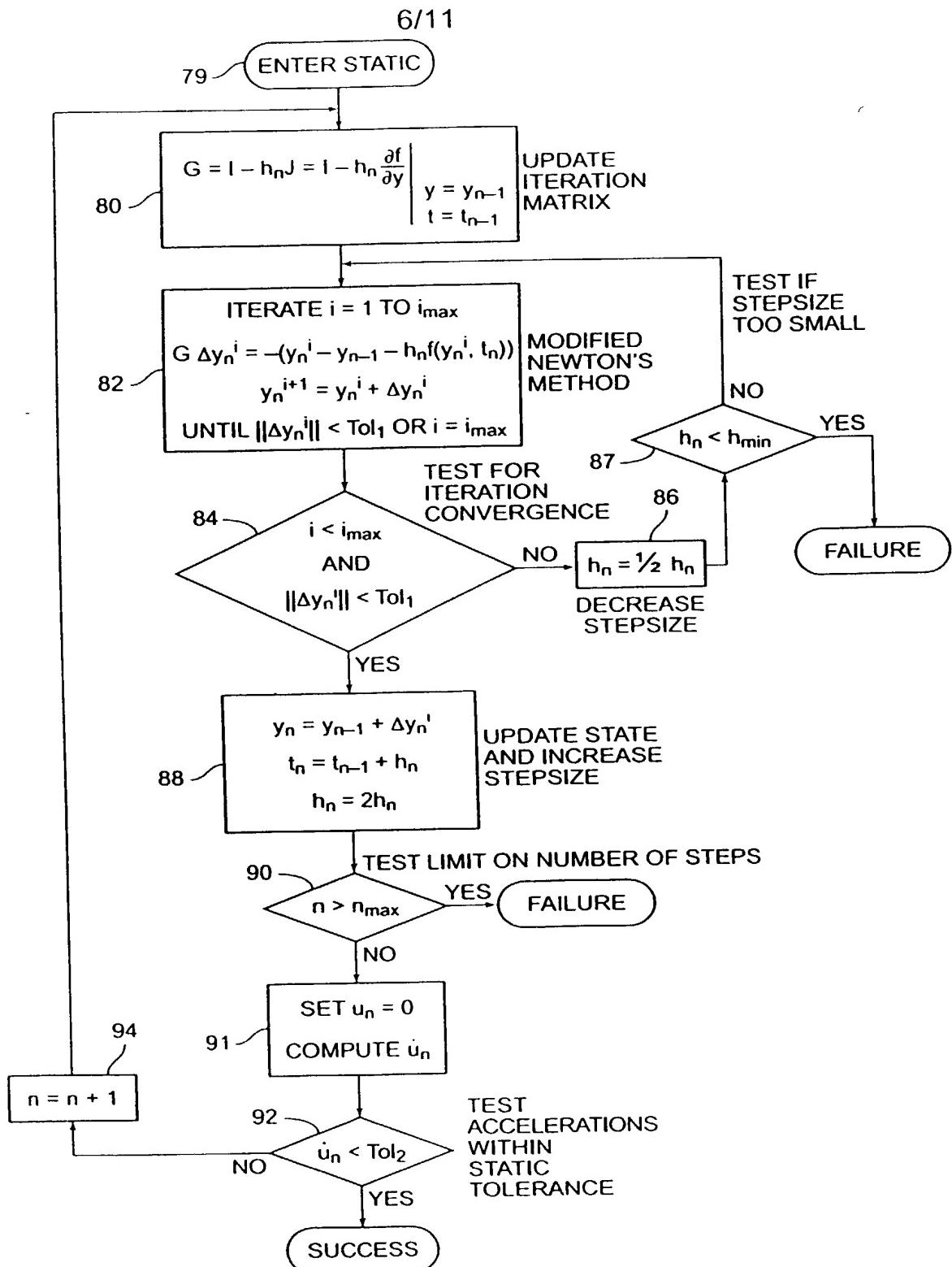


FIG. 6

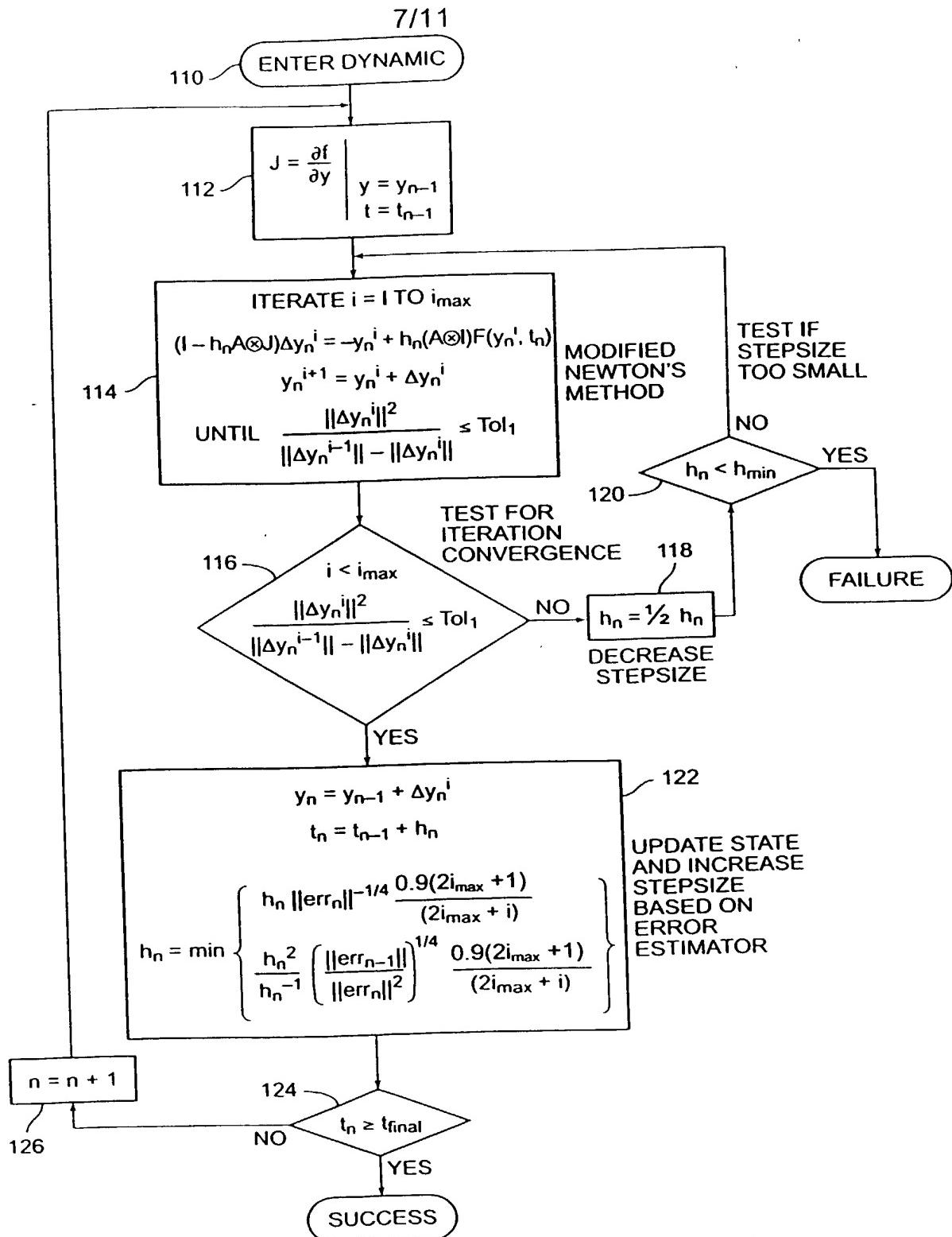


FIG. 7

8/11

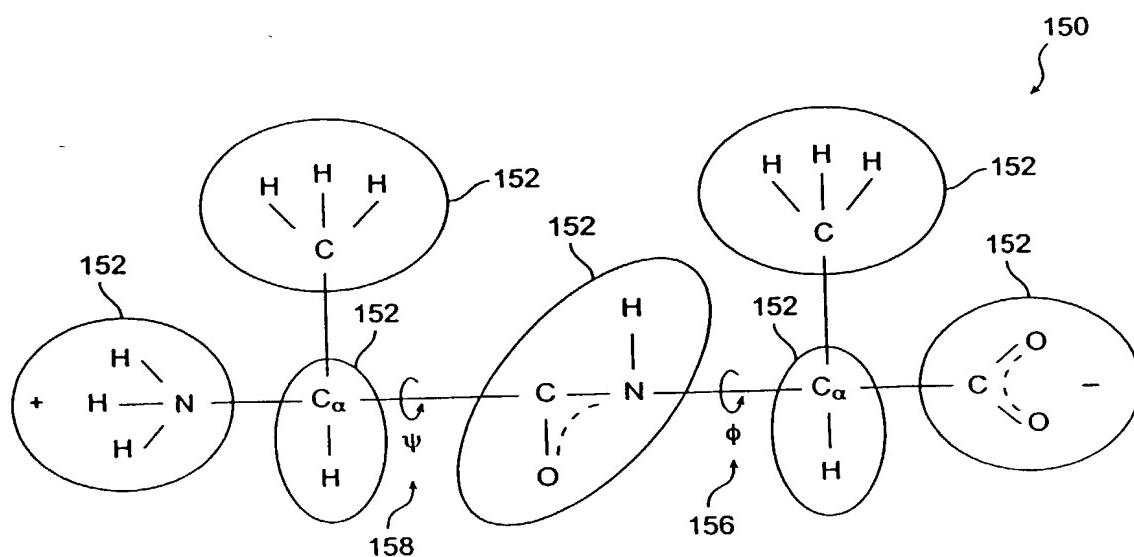


FIG. 8

9/11

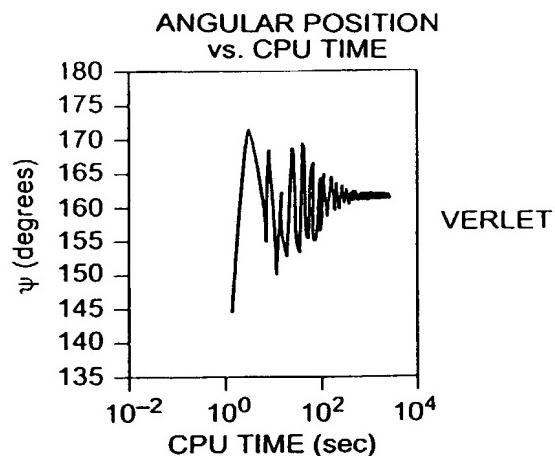


FIG. 9A

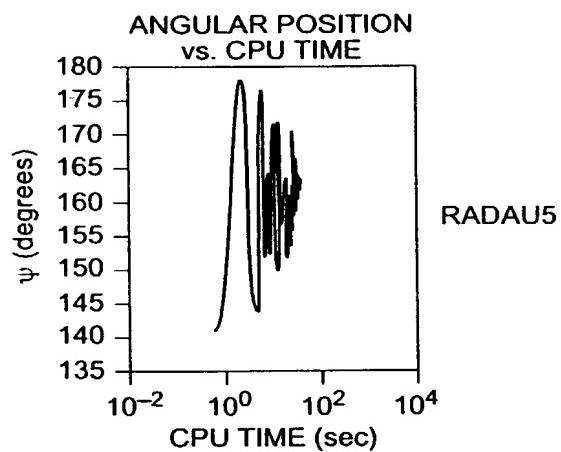


FIG. 9B

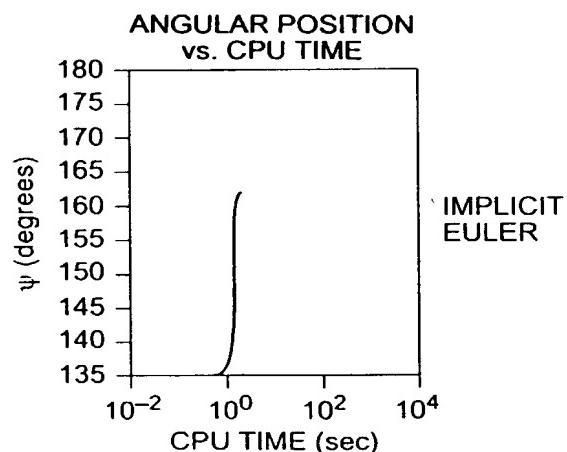


FIG. 9C

10/11

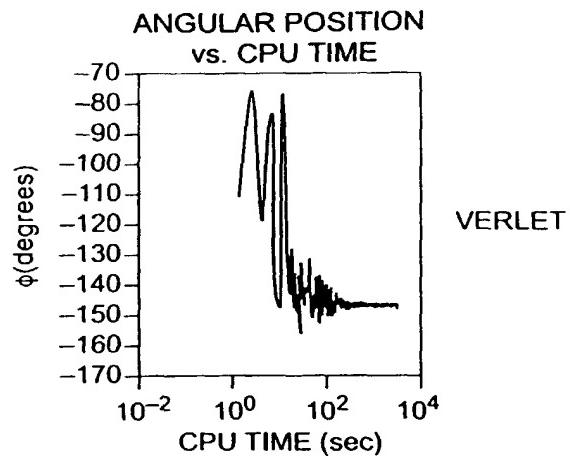


FIG. 9D

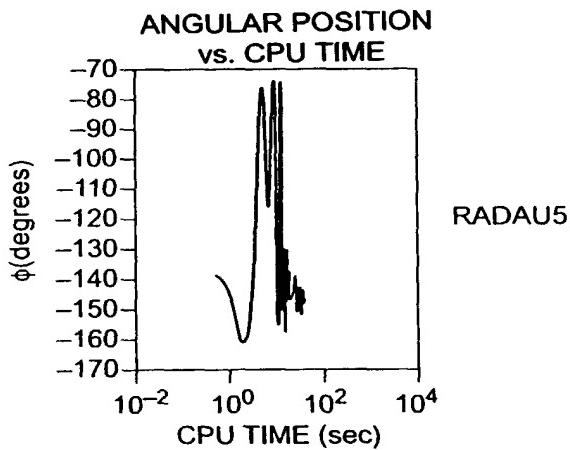


FIG. 9E

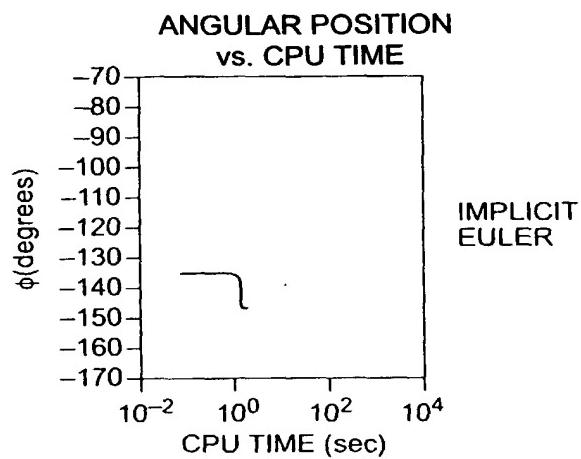


FIG. 9F

11/11

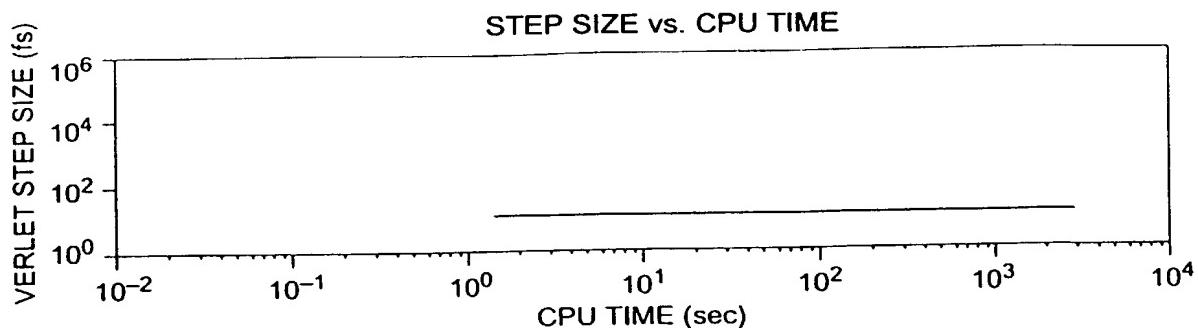


FIG. 10A

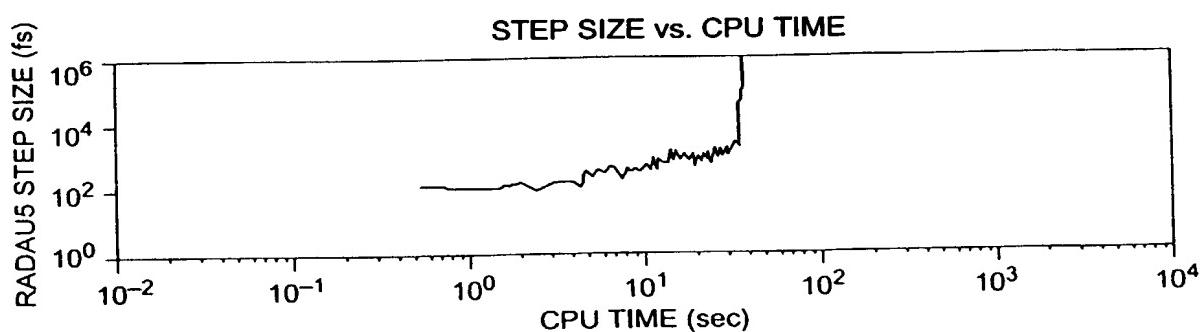


FIG. 10B

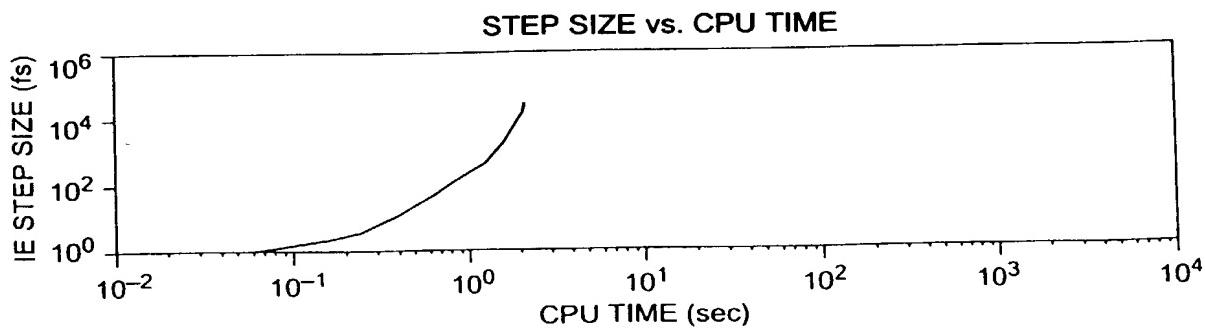


FIG. 10C